

The Trail Inventory of Cypress Creek NWR

Ullin, IL



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Federal Highway Administration
Central Federal Lands Highway Division
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Cypress Creek NWR

Trail and Trail Feature Summaries

Trail Miles and Percentages by Surface Type and Condition

Trail Surface Type	Excellent		Good		Fair		Very Poor		Total
	Miles	%	Miles	%	Miles	%	Miles	%	Miles
Native	1.44	86%	0.00	0%	0.24	14%	0.00	0%	1.68
Boardwalk	0.07	100%	0.00	0%	0.00	0%	0.00	0%	0.07
Mowed	1.72	67%	0.15	6%	0.00	0%	0.70	27%	2.57
Total	3.23	75%	0.15	3%	0.24	6%	0.70	16%	4.32

Trail Miles and Percentages by Trail Classification and Condition

Trail Classification	Excellent		Good		Fair		Very Poor		Total
	Miles	%	Miles	%	Miles	%	Miles	%	Miles
TC3	3.16	74%	0.15	4%	0.24	6%	0.70	16%	4.25
TC5	0.07	100%	0.00	0%	0.00	0%	0.00	0%	0.07
Total	3.23	75%	0.15	3%	0.24	6%	0.70	16%	4.32

*Admin Roads are included in the inventory but are not rated for condition.

Trail Features

Trail Number	Feature Type	Quantity	Grouped Feature	Milepost	Photo
T300	Trailhead	1	No	0.00	CYCR_C2_18 36
T300	Sign	2	No	0.10	CYCR_C2_18 39
T300	Gate	1	No	0.11	
T300	Sign	1	No	0.11	CYCR_C2_18 38
T300	Sign	1	No	0.11	CYCR_C2_18 40
T300	Bridge -sf	360	No	0.11	CYCR_C2_18 37
T300	Sign	8	Yes	0.15	CYCR_C2_18 41
T300	Begin Section	1	No	0.15	CYCR_C2_18 42
T300	Sign	0	Yes	0.15	
T300	Sign	0	Yes	0.23	
T300	Sign	0	Yes	0.32	
T300	Sign	0	Yes	0.35	
T300	Bench	1	No	0.42	
T300	Sign	0	Yes	0.54	
T300	Sign	0	Yes	0.58	
T300	Bridge -sf	150	No	0.59	CYCR_C2_18 43
T300	Boardwalk -lf	90	No	0.70	CYCR_C2_18 44
T300	Begin Section	1	No	0.71	CYCR_C2_18 45
T300	Bench	2	No	0.75	
T300	Begin Section	1	No	0.99	CYCR_C2_09 24
T300	Begin Section	1	No	1.26	
T300	Sign	0	Yes	1.27	
T300	Sign	0	Yes	1.34	
T300	Bench	1	No	1.38	
T301	Trailhead	1	No	0.00	CYCR_C2_18 50
T301	Begin Section	1	No	0.24	CYCR_C2_18 55
T301	Step: Log -each	13	Yes	0.47	
T301	Begin Section	1	No	0.47	CYCR_C2_18 56

T301	Begin Section	1	No	0.50	CYCR_C2_18 60
T301	Begin Section	1	No	0.64	CYCR_C2_18 62
T301	Begin Section	1	No	0.68	CYCR_C2_18 65
T301	Political Boundary	1	No	0.80	CYCR_C2_18 66
T301	Begin Section	1	No	0.80	CYCR_C2_06 25
T301	Sign	3	No	2.52	CYCR_C2_06 24

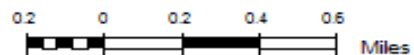
sf - square feet

lf - linear feet

cf - cubic feet

Cypress Creek NWR

Trail Location Map



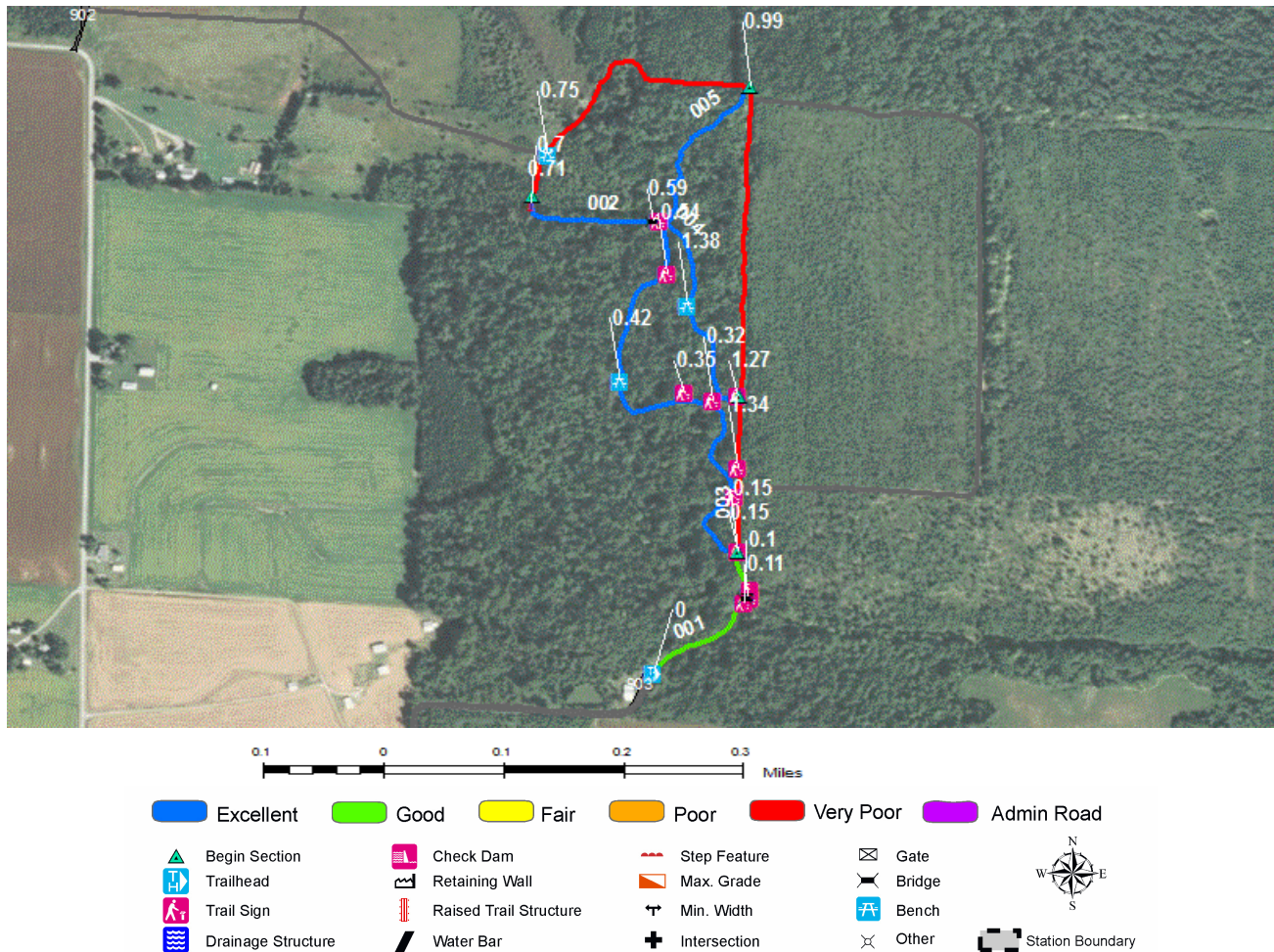
Trails ID

Station Name: Cypress Creek NWR

Org Code: 32630

Trail Number	Trail Name	Surface Type	SAMMS	Trail Mileage	Trail Description (Begin and End point of trail)
T300	Hickory Bottoms Trail	Mowed	10012666	0.85	From Hickory Bottoms Parking (Rte 903) to End of Loop
T300	Hickory Bottoms Trail	Native	10012666	0.95	From Hickory Bottoms Parking (Rte 903) to End of Loop
T301	Llimekiln Springs Trail	Boardwalk	10045689	0.07	From Cache Chapel Rd. Turnout to NWR Boundary Sign
T301	Llimekiln Springs Trail	Mowed	10012666	1.72	From Cache Chapel Rd. Turnout to NWR Boundary Sign
T301	Llimekiln Springs Trail	Native	10045689	0.73	From Cache Chapel Rd. Turnout to NWR Boundary Sign

TRAIL CONDITION



Trail Name: Hickory Bottoms Trail
Trail Number: T300

Refuge Name: Cypress Creek NWR
Region: 3

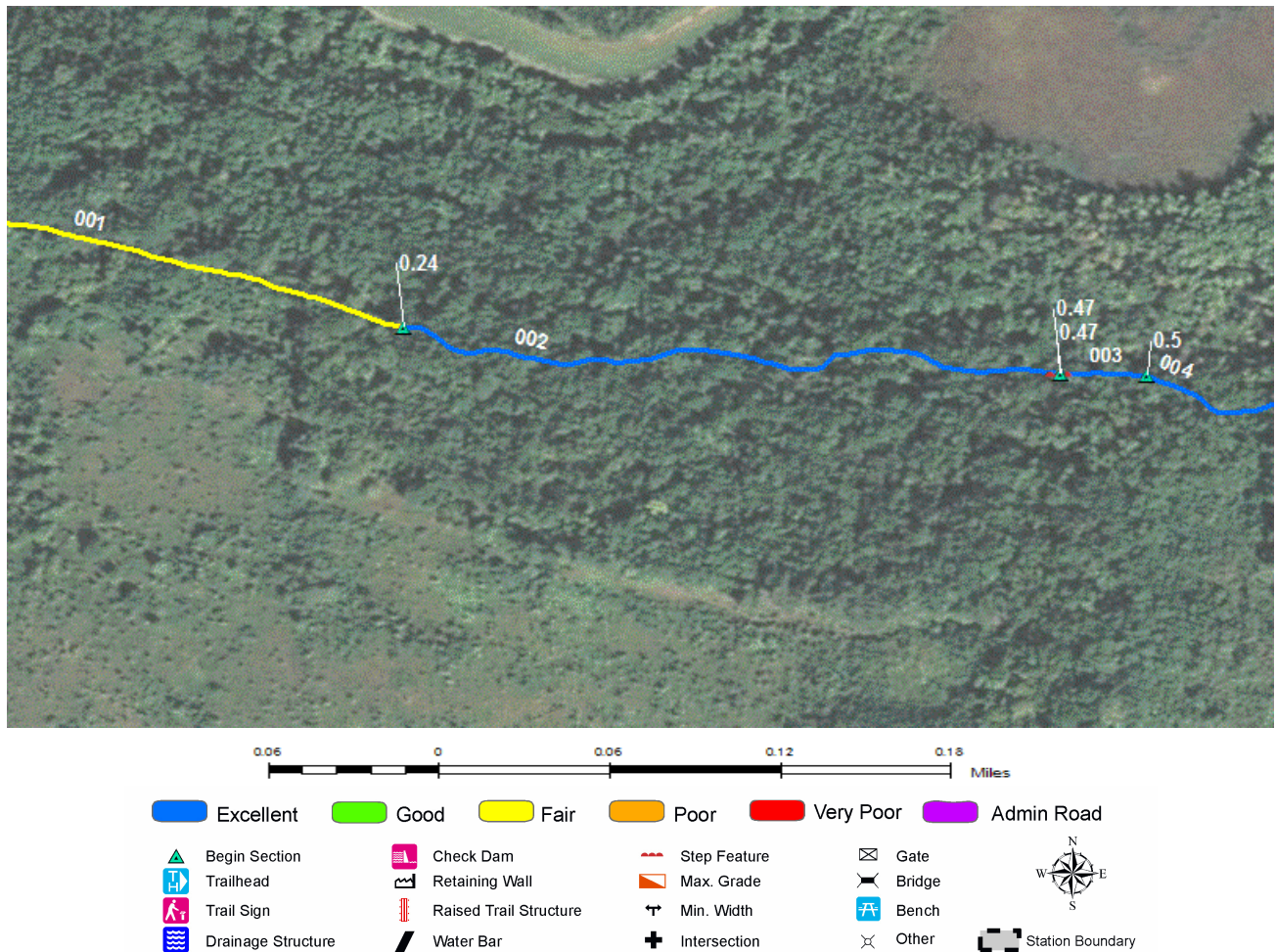
Total Length: 1.80 Miles

Section Number	001	002	003	004	005
Section Length (miles)	0.15	0.56	0.70	0.20	0.19
SAMMS Number	10012666	10012666	10012666	10012666	10012666
Rating Date	10/18/2006	10/18/2006	10/18/2006	10/18/2006	09/28/2011
Trail Section Information					
Trail Class	TC3	TC3	TC3	TC3	TC3
Surface Type	Mowed	Native	Mowed	Native	Native
Surface Firmness	Firm	Firm	Firm	Firm	Firm
Width (inches)	85	50	100	50	35
Average Grade (%)	4.8	4.8	4.8	4.8	4.8
Average X-slope (%)	5.40	5.40	5.40	5.40	5.40
Trail Condition Information					
Deferred Maintenance	\$808		\$24,975		
CRV	\$5,554	\$48,787	\$30,492	\$17,424	\$11,587
FCI	0.02	0.00	0.82	0.00	0.00
Condition	Good	Excellent	Very Poor	Excellent	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$25,783	\$113,844	0.15	Poor

TRAIL CONDITION



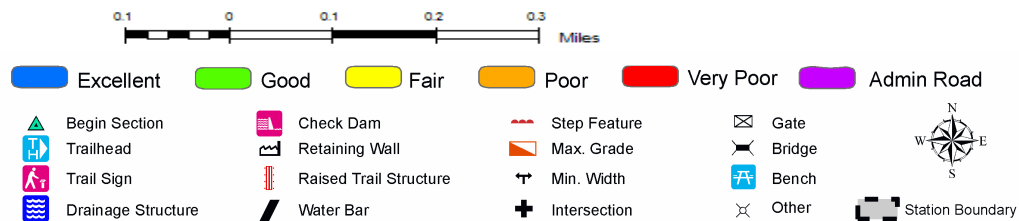
Trail Name: Limekiln Springs Trail
Trail Number: T301

Refuge Name: Cypress Creek NWR
Region: 3

Total Length: 2.52 Miles

Section Number	001	002	003	004	005
Section Length (miles)	0.24	0.23	0.03	0.14	0.04
SAMMS Number	10045689	10045689	10045689	10045689	10045689
Rating Date	10/18/2006	10/18/2006	10/18/2006	10/18/2006	10/18/2006
Trail Section Information					
Trail Class	TC3	TC3	TC5	TC3	TC5
Surface Type	Native	Native	Boardwalk	Native	Boardwalk
Surface Firmness	Firm	Firm	Hard	Firm	Hard
Width (inches)	72	24	48	18	48
Average Grade (%)	10.9	10.9	10.9	10.9	10.9
Average X-slope (%)	5.50	5.50	5.50	5.50	5.50
Trail Condition Information					
Deferred Maintenance	\$1,917				
CRV	\$30,108	\$9,619	\$13,574	\$4,392	\$18,091
FCI	0.06	0.00	0.00	0.00	0.00
Condition	Fair	Excellent	Excellent	Excellent	Excellent

TRAIL CONDITION



Trail Name: Limekiln Springs Trail

Refuge Name: Cypress Creek NWR

Trail Number: T301

Region: 3

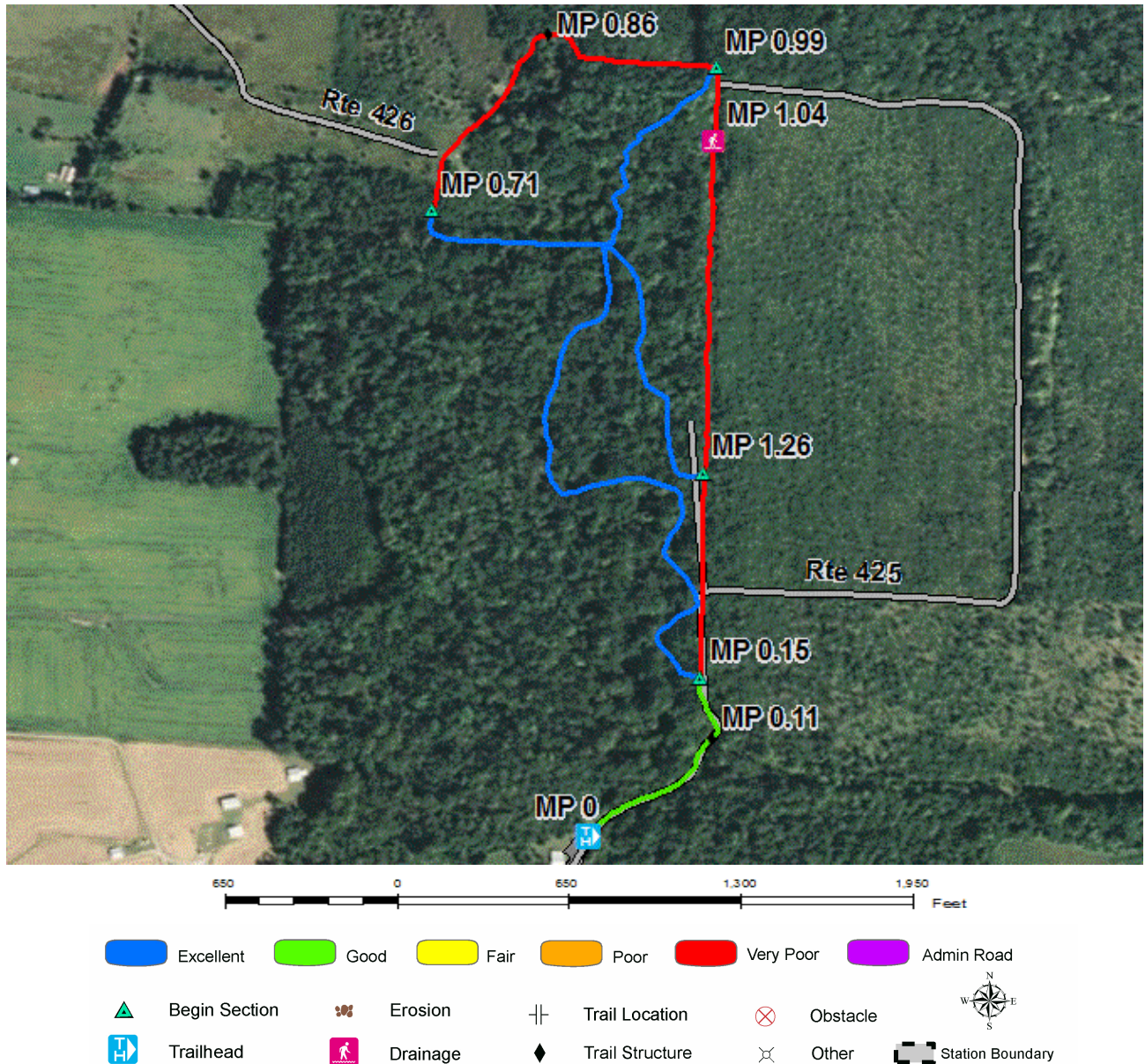
Total Length: 2.52 Miles

Section Number	006	007
Section Length (miles)	0.12	1.72
SAMMS Number	10045689	10012666
Rating Date	10/18/2006	05/16/2011
Trail Section Information		
Trail Class	TC3	TC3
Surface Type	Native	Mowed
Surface Firmness	Firm	Hard
Width (inches)	12	48
Average Grade (%)	10.9	10.9
Average X-slope (%)	5.50	5.50
Trail Condition Information		
Deferred Maintenance		
CRV	\$2,511	\$35,963
FCI	0.00	0.00
Condition	Excellent	Excellent

Trail Condition TOTALS

Deferred Maintenance	CRV	FCI	Condition
\$1,917	\$114,257	0.02	Good

TRAIL DEFICIENCY



Trail Name: Hickory Bottoms Trail

Refuge Name: Cypress Creek NWR

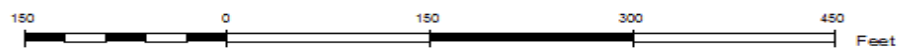
Trail Number: T300

Region: 3

Total Length: 1.80 Miles

Mile Post	0.11	0.86	1.04
Section Number	001	003	003
Photo Number	CYCR_C2_1837	CYCR_C2_1847	CYCR_C2_1849
Deficiency	Trail Structure	Trail Structure	Drainage
Action	Repair	Build/Add	Build/Add
Item	Bridge -sf	Bridge -sf	Drainage Ditch -lf
Quantity	30	450	500
Deferred Maintenance	\$808	\$23,085	\$1,890

TRAIL DEFICIENCY



Trail Name: Llimekiln Springs Trail

Refuge Name: Cypress Creek NWR

Trail Number: T301

Region: 3

Total Length: 0.80 Miles

Mile Post	0.14	0.24
Section Number	001	001
Photo Number	CYCR_C2_1852	CYCR_C2_1854
Deficiency	Erosion	Erosion
Action	Build/Add	Build/Add
Item	Culvert -lf	Culvert -lf
Quantity	10	10
Deferred Maintenance	\$959	\$959

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Cypress Creek NWR
DATE: 10/18/2006



Photo # CYCR_C2_1836 - MP 0.00 - Trailhead

TRAIL NUMBER: T300
STATION: Cypress Creek NWR
DATE: 10/18/2006



Photo # CYCR_C2_1839 - MP 0.10 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Cypress Creek NWR
DATE: 10/18/2006



Photo # CYCR_C2_1837 - MP 0.11 - Bridge -sf

TRAIL NUMBER: T300
STATION: Cypress Creek NWR
DATE: 10/18/2006



Photo # CYCR_C2_1840 - MP 0.11 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Cypress Creek NWR
DATE: 10/18/2006



Photo # CYCR_C2_1838 - MP 0.11 - Sign

TRAIL NUMBER: T300
STATION: Cypress Creek NWR
DATE: 10/18/2006



Photo # CYCR_C2_1841 - MP 0.15 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Cypress Creek NWR
DATE: 10/18/2006



Photo # CYCR_C2_1842 - MP 0.15 - Begin Section

TRAIL NUMBER: T300
STATION: Cypress Creek NWR
DATE: 10/18/2006



Photo # CYCR_C2_1843 - MP 0.59 - Bridge -sf

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Cypress Creek NWR
DATE: 10/18/2006



Photo # CYCR_C2_1844 - MP 0.70 - Boardwalk -lf

TRAIL NUMBER: T300
STATION: Cypress Creek NWR
DATE: 10/18/2006



Photo # CYCR_C2_1845 - MP 0.71 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T300
STATION: Cypress Creek NWR
DATE: 09/28/2011



Photo # CYCR_C2_0924 - MP 0.99 - Begin Section

TRAIL NUMBER: T301
STATION: Cypress Creek NWR
DATE: 10/18/2006



Photo # CYCR_C2_1850 - MP 0.00 - Trailhead

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301

STATION: Cypress Creek NWR

DATE: 10/18/2006



Photo # CYCR_C2_1855 - MP 0.24 - Begin Section

TRAIL NUMBER: T301

STATION: Cypress Creek NWR

DATE: 10/18/2006



Photo # CYCR_C2_1856 - MP 0.47 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Cypress Creek NWR
DATE: 10/18/2006



Photo # CYCR_C2_1860 - MP 0.50 - Begin Section

TRAIL NUMBER: T301
STATION: Cypress Creek NWR
DATE: 10/18/2006

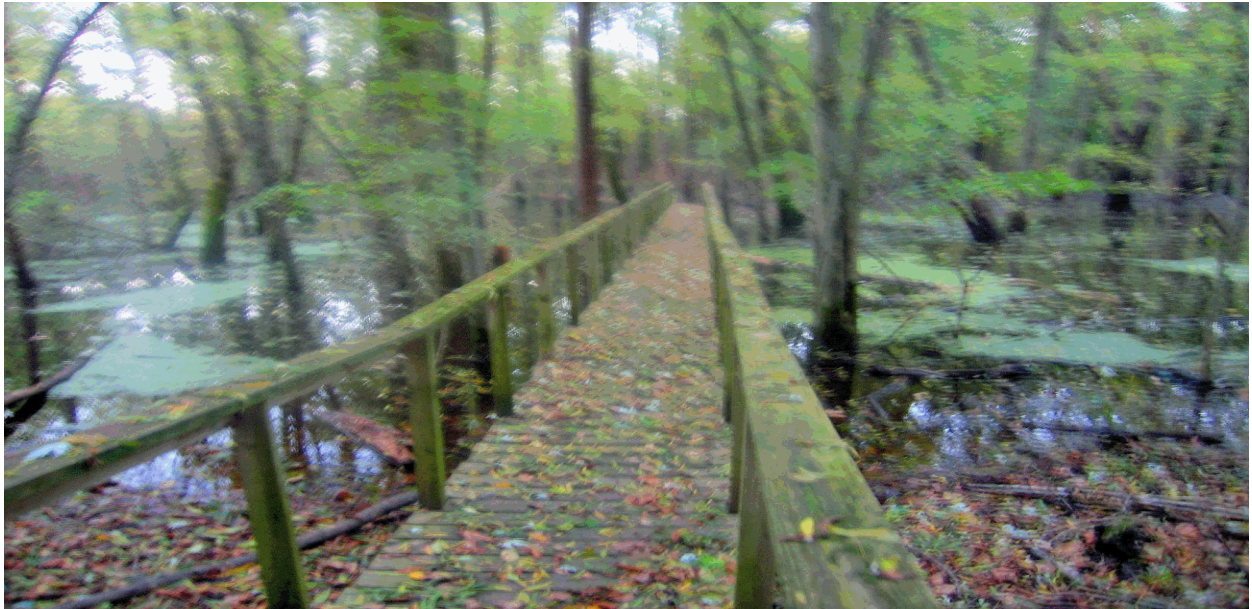


Photo # CYCR_C2_1862 - MP 0.64 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Cypress Creek NWR
DATE: 10/18/2006



Photo # CYCR_C2_1865 - MP 0.68 - Begin Section

TRAIL NUMBER: T301
STATION: Cypress Creek NWR
DATE: 10/18/2006



Photo # CYCR_C2_1866 - MP 0.80 - Political Boundary

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T301
STATION: Cypress Creek NWR
DATE: 05/16/2011



Photo # CYCR_C2_0625 - MP 0.80 - Begin Section

TRAIL NUMBER: T301
STATION: Cypress Creek NWR
DATE: 05/16/2011



Photo # CYCR_C2_0624 - MP 2.52 - Sign

Glossary of Terms and Abbreviations

Acc Info	Accessibility information available at trailhead.
Action	Action required to correct deficiency.
Admin Road	Administration Road. Admin Roads signed and advertised as trails are included in the trail inventory but a condition assessment is NOT done.
Alt SAMMS	SAMMS number of Alternate Facility Type.
Alt Type	Alternate Facility Type. Trail lies on a feature such as a levee, dam, administrative road or bridge, which has a separate SAMMS number.
AvgGrade	The average grade of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles.
AvgSlope	The average cross-slope of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles.
Check Dam	A small dam constructed across a drainage ditch, swale, or channel to lower the speed of concentrated flows.
Condition	Subjective rating of trail based on Facility Condition Index (FCI): FCI \leq .01 = Excellent FCI .02 - .05 = Good FCI .06 - .10 = Fair FCI .11 - .20 = Poor FCI $>$.20 = Failed
Crib Wall	Retaining wall.
Current Replacement Value (CRV)	The value of an asset determined by the estimated cost of replacing it.
Def type	Deficiency Type: Trail Structure, Drainage, Erosion, Obstacle, Trail Location, Other.
Deferred Maintenance (DM)	Maintenance that was not performed when scheduled.

Elem ID	Unique identifier for each trail section: Org Code-Trail Number-Section Number.
Facility Condition Index (FCI)	DM/CRV
Grouped Features	Grouped features include non-unique signs (mileposts, interpretive signs, species identification, etc.), water bars, check dams, steps, drain and drainage dips. For any given grouped feature, a GPS point and photo are taken for the first occurrence only and the total number of features in the group are entered into the “quantity” field of the data dictionary.
Info Type	Type of accessibility information available at trailhead: brochure, sign or other.
Item	Item on which the “Action” (see above) will be performed.
Manage_Use	Managed use of the trail: HIKE, BIKE, NSPC (non-specified), PACK, POR (portage), SNOWSHOE, XSKI (cross-country ski), OTHER.
MP	Distance of a trail feature or deficiency from the Trailhead.
Puncheon	Log footbridge used in area of poor drainage.
Raised Trail Structure	Boardwalk, Turnpike, Puncheon.
T Class	Trail Class: I-V (see Appendix ? for trail class descriptions).
Tr Desig	Trail Designation: Standard (Std), National Historic Trail (NHT), National Recreation Trail (NRT), National Scenic Trail (NST).
Turnpike	Trail tread elevated with dirt, rock or other aggregate from parallel side ditches and held in place by logs.